

# METHOD AND RELATED APPARATUS FOR STEREO VOCAL CANCELLATION

## Abstract

Method and related apparatus for canceling vocal portions containing in two signals of two stereo channels and providing two corresponding output signals. The method includes: generating a mono signal according to a sum of the signals of the stereo channels; respectively performing vocal cancellation to each signal of one stereo channel according to a difference between the signal of the stereo channel and the mono signal, and performing low-frequency band and high-frequency band compensation to results of vocal cancellation to generate the two output signals. Because vocal cancellation is performed for respective signal of one stereo channel, the two output signals will have substantial difference in frequency band other than the high-frequency band to increase effect of stereo.